



HENEGHAN AND ASSOCIATES, P.C.

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Addendum No. 1

For Arenzville Rural Water Cooperative
for Proposed Phase III- Water Distribution System

H&A File No. 02100-402 Phase III
May 2, 2022

The Contract Documents prepared by Heneghan & Associates, P.C. for the Arenzville Rural Water Cooperative Proposed Phase III- Water Distribution System dated April 2022, are hereby amended or clarified as follows:

PROJECT SPECIFICATIONS

Changes/additions/clarifications to the project specifications are as listed below:

Bid Form: Item 24, Repair Private Well Line is intended for all work described in Section 41.17 Well Water line and Electrical Repair.

Technical Provisions:

31.10 The bid price for rock excavation is set at a maximum of **\$250.00/CY**. The RPR is required to measure the volume for rock excavation. If an earth/rock type profile is encountered, then only the rock profile is paid in rock excavation unit price.

PROJECT DRAWINGS


Changes/additions/clarifications to the project drawings are as listed below:

None.

GENERAL

Attached is the Pre-Bid meeting Minutes and attendance list from the Pre-Bid meeting held April 26, 2022, 10:00 am at the Virginia City Hall, Virginia, Illinois. The Minutes are made a part of this Addendum, and the items stated in the Minutes shall be followed.

End of Addendum.


Seth W. Elliott, P.E., Project Manager
Heneghan & Associates

□ 800 Broadway, Suite 3
Mt. Vernon, IL 62864
(P) 618-533-6525
(F) 618-533-6652

□ 310A Vision Drive
Columbia, IL 62236
(P) 618-281-8133
(F) 618-281-8290

□ 1004 State Highway 16
Jerseyville, IL 62052
(P) 618-498-6418
(F) 618-498-6410

□ 1929 Richardson Road
Arnold, MO 63010
(P) 636-464-3610
(F) 636-464-2059

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**Arenzville Rural Water Cooperative
Proposed Phase III-Water Distribution System –
Pre-Bid Meeting Minutes**

Tuesday, April 26, 2022, 10:00 A.M.

Virginia City Hall, Virginia, IL

1. Introduce:
 - A. Heneghan & Associates' Representatives
 - B. Arenzville Rural Water Cooperative Representatives

2. Please sign the Attendance Sheet.

3. Bid Opening: **Thursday, May 12, 2022, @ 2:00 pm, Virginia City Hall, c/o Arenzville Rural Water Cooperative, 153 S Front St., Virginia, IL 62691**
 - A. Addendum must be acknowledged (Addendum will be faxed and mailed by end of day Friday, April 29, 2022). Items listed as of today on addendum will be discussed later.
 - B. 5% Bid Bond.
 - C. Arenzville Rural Water Cooperative is tax exempt.
 - D. Hold bid prices for 90 days.
 - E. Engineer's estimate is \$1,525,000.00

4. If the Bids are acceptable, a recommendation will be given to Arenzville Rural Water Cooperative. If accepted, the Contract will be tentatively awarded at the Cooperative's May 17, 2022 regular board meeting, after concurrence from Rural Development at which time the CONTRACTOR would be sent a Notice of Award. The CONTRACTOR will then have two weeks to execute the necessary paperwork and bonding requirements. The Notice to Proceed would be issued around August 16, 2022, with a construction start date of approximately August 26, 2022. Based on the schedule above, the substantial completion date will be approximately May 16, 2023.

5. Submit pay request(s) seven (7) days prior to monthly Board meeting (3rd Tuesday of each month) to Engineer. See Article 15 (page 61 of 80) of the "Standard General Conditions of the Construction Contract" for further information regarding progress pay requests.

6. Items in specifications to be aware of that are specific to this project or different/changed from Heneghan & Associates' typical rural water specifications (listed by section number, in technical provisions of project specifications):
 - 11.04 Water used by the Contractor to fill, test, and flush water lines and service connections will be billed at \$5.00 per thousand gallons used. Unless actually metered, this will be

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- charged to the CONTRACTOR at ten times the entire pipeline volume, plus leaks and line breaks, during construction subsequent warranty period.
- 11.06 CONTRACTOR's attention is drawn to the local roadway and highway permits included in the specifications. Also see Sec 11.12 COORDINATION WITH LOCAL ROADWAY OFFICIALS.
- 11.06 Easements will be available to be viewed at the Heneghan and Associates office. Easements may also be viewed following the pre bid meeting.
- 11.10 Clean up is very important to ARWC! Payment for clean up will be incidental to water main installation. The Owner will withhold 12% of the installed cost of all water main, items 1 and 2 until final clean up/seeding work is satisfactory. Cleanup retainage will be 12% until certificate of final completion is issued.
- All debris including old fences, brush, stumps must be removed and disposed of off-site. Debris cannot be piled along side of the road. Disposal is to be continuous with land clearing operations.
- No fences are to be cut unless absolutely necessary. If fences are referenced in an easement restriction, they may not be cut under any circumstance. All fences must be properly repaired.
- 11.14 There is a preferred construction sequence for this project. Construct portions of plan sheets 14, 15, and 16 first to serve user number 3160. It is Arenzville Rural Water Cooperative's goal to minimize crop damage. Any water main installation in row crop areas shall be performed between October 31st and April 1st. Note: Plan Sheet 5 has Environmental Restrictions and cannot be constructed during February, March, and April. Once the water main for a particular segment has been installed, the segment in question shall be pressure tested, disinfected, and all service connections installed within 30 days of starting the next segment.
- 11.21 An NPDES Permit for Construction Site Activities governs the erosion protection practices of this work (See Section 34 of Specifications). The CONTRACTOR shall familiarize himself with the SWPPP and the site.
- 31.01 All areas trenched between May 1 and December 31 must be cleaned up, final graded, and permanent seeded by May 21 of the following year. All areas trenched between January 1 and April 30 must be cleaned up, final graded, and permanent seeded by September 30 of the same year.
- Total retainage is 10% of entire project as stated in the General conditions plus cleanup retainage (12%). Rock backfill/road restoration - trench backfill across gravel drives and field entrances is incidental, and required for full trench width/depth. Backfill for longitudinal installation along township roads within 2 ft of roadway edge is a pay item.
- 31.10 The price for rock excavation is set at a maximum of **\$250.00/CY**. The RPR is required to measure the volume for rock excavation. If an earth/rock type profile is encountered, then only the rock profile is paid in rock excavation unit price.
- 41.07 Leak test is not allowed. RPR shall be present when pressure testing water main.
- 41.08 Flushing, pigging (2 pigs per line segment), and disinfection are all incidental to water main installation.
- 41.08.A Flushing operations must be coordinated with ARWC to minimize low pressure situations. During flushing operations a fire hose(s) or other method to prevent soil erosion is to be used to direct flush water to the nearest natural drainage ditch or waterway. Co-ordinate flushing and tie-ins/hot taps with system operator.
- 41.08B Bio-Penetrant is required on this project.
- 41.08.I An IEPA approved sampling plan has been included on Sheet G104 of the plan set. The Contractor must take Bac-T samples in accordance with this plan. Each Bac-T sampling pay item includes 2 passing samples taken 48 hours apart that may be checked by the OWNER. Results shall be provided to OWNER/ ENGINEER.

- 41.20 Casing spacers shall be used for full length of casing. End seals shall be pull on type, not tapered, or method approved by ENGINEER.
- 51.02.E All water main is to be installed within three days of stringing pipe.
- 51.08 A full length of pipe shall be used where PVC pipe connects to a fitting or appurtenances. Where a full length of pipe cannot be utilized for any reason, a joint restraint, approved by the OWNER/ENGINEER, shall be used at the next nearest joint to the fitting such that the length of restrained pipe is greater than or equal to twenty (20) feet.
- 51.09.05 All valve boxes shall be installed upon the valve with the use of a Valve Box Alignment Device (Gate Valve Adapter II for gate valves 4-12") and this work shall be incidental to the price for gate valves with box.

- 7. Plan holders' list is available upon request.
- 8. Easements - ARWC has all the required easements necessary for the project. A portion of the project is located within Township and County ROW.
- 9. Users are continuously being added to this project. The number of users may increase as the project progresses.
- 10. Changes/Clarifications to the Plans and specifications currently include the following:
 - Plans:
 - None
 - Specs:

51.09.02.1 Hydrant shoe and gate valve shall be 4-inch diameter for mains 4-inch and larger.

11. Comments from HA:

12. Comments from Arenzville Rural Water Cooperative:

13. Comments/Questions from Contractors:

